LIVE FUEL MOISTURE INTERPRETATION SUMMARIES

GREATER THAN 180 %

FIRES WILL EXHIBIT very low fire behavior WITH DIFFICULTY IN CONTINUED BURNING.

RESIDUAL FINE FUELS FROM THE PREVIOUS YEAR MAY CARRY THE FIRE. Foliage will remain on the stems following the burn. Fires can be generally attacked at the head or flanks by persons using hand tools. Handline should hold the fire without any problems. Fires will mornally go out as soon as the winds dies down.

151% - 180%

Fires will exhibit LOW FIRE BEHAVIOR with fire beginning to be carried by live fuels. Both foliage and stem material up to 1/4 inch in diameter will be consumed by the fire. Burns will be generally patchy with many unburned islands. Engines may be necessary at the head and handline will be more difficult to construct but should hold at the head and flanks.

126% - 150%

Fires will exhibit MODERATE FIRE BEHAVIOR with fast continuous rate of spread that will consume stem material up to 2 inches in diameter. These fires may be attached at the head with engines but may require support of dozers and retardant aircraft. Handline will become ineffective at the fire head but should still hold the flanks. Under high winds and low humidities, indirect line should ne given consideration.

101% - 125%

Fires will exhibit HIGH FIRE BEHAVIOR leaving no material unburned. Head attack with engines and dozers will be nearly impossible on large fires, but may still be possible on smaller developing fires. Retardant aircraft will be necessary on all these fires. Flanking sttack by engines and indirect attack ahead of the fire must be used. Spotting should be anticipated. Fires will begain to burn through the night, calming down several hours before sunrise.

75% - 100%

Fires will exhibit EXTREME FIRE BEHAVIOR. Extreme spread rates and moderate to long range spotting will occur. Engines and dozers may be best used to back up firing operations and to protect structures. Indirect attack must be used to control these fires. Fires will burn actively through the night. Air turbulance caused by the fire will cause problems for air operations.

LESS THAN 74%

Fires will have ADVANCED FIRE BEHAVIOR with high potential to control their environment. Large acreage will be consumed in a very short time periods. Backfiring from indirect line, roads, etc. must be considered. Aircraft will need to be cautious of hazardous turbulence around the fire.

12/8/2015

Live Fuel Moisture

GRASS

SPECIES: Grass															
Sample Site	Mar	Apr	Apr	May	May	Jun	Jun	Jul	Jul	Aug	Aug	Sep	Sep	Oct	Oct
Col - Sauls Creek - 7000'	15 - 31	1-15	15 - 30	1 - 15	16 - 31	183%	187%	1 - 15	98%	1 - 15	16 - 31	1 - 15	16 - 30	1 - 15	16 - 31
Col - Sauls Creek - 7000						202%	193%		98% 114%						
Col - Middle Mountain - 8,200'						248%	259%		178%						
Coi - Middle Moulitain - 8,200						261%	239%		173%						
Col - Engineer Mountain - 9,100'						250%	273%		193%						
Coi - Eligineer Mountain - 9,100						204%	2/370		2190%						
Dol - Boggy Draw North - 7900'						20470			2190%						
Doi - Boggy Diaw North - 1700															
Dol - Boggy Draw South - 7600'															
Bot Boggy Blaw Boath 7000															
DOL - Stinking Springs - 6400'															
DOL - Dolores Rim - 7925'															
DOL - Lowry Ruin - 6720'															
MVP - Chapin Mesa - 7,650'															
Pag - Turkey Springs - 7840'									174%						
GY14 M M 1 70001						1.600/		770/	138%	600/					
SUA - Mesa Mountain - 7000'						168%		77%		68%					
SUA - Sandoval - 8200'						200%		180%		94%					
SUA - Salidoval - 8200						200%		160%		94%					
UMA - North Thomas - 7400'															
Civil - 100th Homas - 7400															
UMA - Sundance - 7550'															
UMA - Hanna Springs - 8,499'															
5,177															

Live Fuel Moisture

SAGEBRUSH

CDE CEE G															
SPECIES: Sage															
Sample Site	Mar 15 - 31	Apr 1-15	Apr 15 - 30	May 1 - 15	May 16 - 31	Jun 1 - 15	Jun 16 - 30	Jul 1 - 15	Jul 16 - 31	Aug 1 - 15	Aug 16 - 31	Sep 1 - 15	Sep 16 - 30	Oct 1 - 15	Oct 16 - 31
Col - Sauls Creek - 7000'						71%	90%		96%						
						84%	138%		106%						
Col - Middle Mountain - 8,200'															
Col - Engineer Mountain - 9,100'															
Dol - Boggy Draw North - 7900'															
Dol - Boggy Draw South - 7600'															
DOL - Stinking Springs - 6400'															
DOL - Dolores Rim - 7925'															
DOL - Lowry Ruin - 6720'															
MVP - Chapin Mesa - 7,650'															
Pag - Turkey Springs - 7840'															
SUA - Mesa Mountain - 7000'						202%		144%		106%					
SUA - Sandoval - 8200'															
UMA - North Thomas - 7400'															
UMA - Sundance - 7550'															
UMA - Hanna Springs - 8,499'															

SERVICEBERRY

Live Fuel Moisture

SPECIES: Service Berry															
Sample Site	Mar 15 - 31	Apr 1-15	Apr 15 - 30	May 1 - 15	May 16 - 31	Jun 1 - 15	Jun 16 - 30	Jul 1 - 15	Jul 16 - 31	Aug 1 - 15	Aug 16 - 31	Sep 1 - 15	Sep 16 - 30	Oct 1 - 15	Oct 16 - 31
Col - Sauls Creek - 7000'															
Col - Middle Mountain - 8,200'															
Col - Engineer Mountain - 9,100'															
D.1. D. D. W. d. 70001															
Dol - Boggy Draw North - 7900'															
Dol - Boggy Draw South - 7600'															
Doi - Boggy Diaw South - 7000															
DOL - Stinking Springs - 6400'															
2 02 Summing Springs 0.00															
DOL - Dolores Rim - 7925'															
DOL - Lowry Ruin - 6720'															
MVP - Chapin Mesa - 7,650'															
Pag - Turkey Springs - 7840'															
SUA - Mesa Mountain - 7000'	0														
SUA - Mesa Mountain - 7000	0														
SUA - Sandoval - 8200'															
Seri - Sandovar - 0200															
UMA - North Thomas - 7400'															
UMA - Sundance - 7550'															
UMA - Hanna Springs - 8,499'															

SNOWBRUSH

Live Fuel Moisture

SPECIES: Snow Brush															
Sample Site	Mar 15 - 31	Apr 1-15	Apr 15 - 30	May 1 - 15	May 16 - 31	Jun 1 - 15	Jun 16 - 30	Jul 1 - 15	Jul 16 - 31	Aug 1 - 15	Aug 16 - 31	Sep 1 - 15	Sep 16 - 30	Oct 1 - 15	Oct 16 - 31
Col - Sauls Creek - 7000'															
Col - Middle Mountain - 8,200'															
Col - Engineer Mountain - 9,100'						217%	247%		174%						
						249%			164%						
Dol - Boggy Draw North - 7900'															
D 1 D 0 1 7(00)															
Dol - Boggy Draw South - 7600'															
DOL - Stinking Springs - 6400'															
DOL - Stinking Springs - 6400															
DOL - Dolores Rim - 7925'															
DOL - Doloics Killi - 1723															
DOL - Lowry Ruin - 6720'															
DOL LOWIY Rum 0720															
MVP - Chapin Mesa - 7,650'															
Y SY															
Pag - Turkey Springs - 7840'															
SUA - Mesa Mountain - 7000'															
SUA - Sandoval - 8200'															
UMA - North Thomas - 7400'															
UMA - Sundance - 7550'															
YPA Y G I G I G I															
UMA - Hanna Springs - 8,499'															

ive Fuel Moisture	GAMBEL	OA	K
			_

SPECIES: Gambel Oak															
Sample Site	Mar 15 - 31	Apr 1-15	Apr 15 - 30	May 1 - 15	May 16 - 31		Jun 16 - 30	Jul 1 - 15	Jul 16 - 31	Aug 1 - 15	Aug 16 - 31	Sep 1 - 15	Sep 16 - 30	Oct 1 - 15	Oct 16 - 31
Col - Sauls Creek - 7000'						233%	137%		92%						
						167%	122%		106%						
Col - Middle Mountain - 8,200'						0%	233%		138%						
						243%			143%						
Col - Engineer Mountain - 9,100'															
Dol. Doggy Drovy North 7000!															
Dol - Boggy Draw North - 7900'															
Dol - Boggy Draw South - 7600'															
Dor Doggj Dian Doum 1000															
DOL - Stinking Springs - 6400'															
·															
DOL - Dolores Rim - 7925'															
DOL - Lowry Ruin - 6720'															
MVD Charle Mars 7.650															
MVP - Chapin Mesa - 7,650'															
Pag - Turkey Springs - 7840'									123%						
rag rankey springs 7040									126%						
SUA - Mesa Mountain - 7000'						152%		115%		89%					
SUA - Sandoval - 8200'						184%		105%		97%					
UMA - North Thomas - 7400'															
VII. (1															
UMA - Sundance - 7550'															
UMA - Hanna Springs - 8,499'															
OMA - Hailia Springs - 8,499															

6 12/8/2015

Live Fuel Moisture

PINYON

SPECIES: Pinyon															
Sample Site	Mar 15 - 31	Apr 1-15	Apr 15 - 30	May	May 16 - 31	Jun	Jun	Jul	Jul	Aug	Aug	Sep	Sep	Oct 1 - 15	Oct
Col - Sauls Creek - 7000'	10-31	1-13	15 - 30	1 - 13	10 - 31	102%	100%	1 - 13	96%	1 - 15	10 - 31	1 - 13	10 - 30	1 - 15	10 - 31
Coi - Sauis Cleek - 7000						87%	92%		93%						
Col - Middle Mountain - 8,200'															
Col - Engineer Mountain - 9,100'															
Cor - Engineer Mountain - 9,100															
Dol - Boggy Draw North - 7900'															
Dol - Boggy Draw South - 7600'															
Doi - Boggy Diaw South - 7000															
DOL - Stinking Springs - 6400'															
DOL - Dolores Rim - 7925'															
DOL - Lowry Ruin - 6720'															
MVP - Chapin Mesa - 7,650'															
Pag - Turkey Springs - 7840'									111% 160%						
SUA - Mesa Mountain - 7000'						90%		136%	100%	130%					
SUA - Sandoval - 8200'															
UMA - North Thomas - 7400'															
UMA - Sundance - 7550'															
UMA - Hanna Springs - 8,499'															

SPRUCE

Live Fuel Moisture 2012

SPECIES: Spruce															
Sample Site	Mar 15 - 31	Apr 1-15	Apr 15 - 30	May 1 - 15	May 16 - 31	Jun 1 - 15	Jun 16 - 30	Jul 1 - 15	Jul 16 - 31	Aug 1 - 15	Aug 16 - 31	Sep 1 - 15	Sep 16 - 30	Oct 1 - 15	Oct 16 - 31
Col - Sauls Creek - 7000'															
Col - Middle Mountain - 8,200'															
Col - Engineer Mountain - 9,100'						71% 72%	86%		138% 104%						
Dol - Boggy Draw North - 7900'						7270			10470						
Dol - Boggy Draw South - 7600'															
DOL - Stinking Springs - 6400'															
DOL - Dolores Rim - 7925'															
DOL - Lowry Ruin - 6720'															
MVP - Chapin Mesa - 7,650'															
Pag - Turkey Springs - 7840'															
SUA - Mesa Mountain - 7000'															
SUA - Sandoval - 8200'															
UMA - North Thomas - 7400'															
UMA - Sundance - 7550'															
UMA - Hanna Springs - 8,499'															

Live Fuel Moisture

JUNIPER

SPECIES: Juniper															
Sample Site	Mar	Apr	Apr	May	May	Jun	Jun	Jul	Jul	Aug	Aug	Sep	Sep	Oct	Oct
	15 - 31	1-15	15 - 30	1 - 15	16 - 31		16 - 30	1 - 15		1 - 15	16 - 31	1 - 15	16 - 30	1 - 15	16 - 31
Col - Sauls Creek - 7000'						242%	217%		96%						
						224%	193%		135%						
Col - Middle Mountain - 8,200'															
Col - Engineer Mountain - 9,100'															
Dol - Boggy Draw North - 7900'															
Dol - Boggy Draw South - 7600'															
DOI 91111 9 1 64001															
DOL - Stinking Springs - 6400'															
DOL - Dolores Rim - 7925'															
DOL - Lowry Ruin - 6720'															
MVP - Chapin Mesa - 7,650'															
Pag - Turkey Springs - 7840'															
rag - rurkey Springs - 7040															
SUA - Mesa Mountain - 7000'						103%		126%		104%					
SUA - Sandoval - 8200'						102%		123%		84%					
UMA - North Thomas - 7400'															
UMA - Sundance - 7550'															
OWA - Sundance - 1550															
UMA - Hanna Springs - 8,499'															

Live Fuel Moisture

WHITE FIR

SPECIES: White Fir															
Sample Site	Mar 15 - 31	Apr 1-15	Apr 15 - 30	May 1 - 15	May 16 - 31	Jun 1 - 15	Jun 16 - 30	Jul 1 - 15	Jul 16 - 31	Aug 1 - 15	Aug 16 - 31	Sep 1 - 15	Sep 16 - 30	Oct 1 - 15	Oct 16 - 31
Col - Sauls Creek - 7000'															
Col - Middle Mountain - 8,200'						94%	160%		122%						
Col - Engineer Mountain - 9,100'						100%			114%						
Dol - Boggy Draw North - 7900'															
Dol - Boggy Draw South - 7600'															
DOL - Stinking Springs - 6400'															
DOL - Dolores Rim - 7925'															
DOL - Lowry Ruin - 6720'															
MVP - Chapin Mesa - 7,650'															
Pag - Turkey Springs - 7840'															
SUA - Mesa Mountain - 7000'															
SUA - Sandoval - 8200'															
UMA - North Thomas - 7400'															
UMA - Sundance - 7550'															
UMA - Hanna Springs - 8,499'															

Live Fuel Moisture

PONDEROSA PINE

SPECIES: Ponderosa Pine															
Sample Site	Mar	Apr	Apr	May	May	Jun	Jun	Jul	Jul	Aug	Aug	Sep	Sep	Oct	Oct
	15 - 31	1-15	15 - 30		16 - 31					1 - 15	16 - 31	1 - 15	16 - 30		16 - 31
Col - Sauls Creek - 7000'						83%	90%		149%						
						105%	94%		122%						
Col - Middle Mountain - 8,200'						88%	89%		107%						
						92%			129%						
Col - Engineer Mountain - 9,100'															
Dol - Boggy Draw North - 7900'															
Dol - Boggy Draw South - 7600'															
DOL - Stinking Springs - 6400'															
DOL - Dolores Rim - 7925'															
DOL - Lowry Ruin - 6720'															$\overline{}$
Marin Cl. 1 M. 7 (50)															
MVP - Chapin Mesa - 7,650'															
Pag - Turkey Springs - 7840'															$\overline{}$
SUA - Mesa Mountain - 7000'															
SUA - Sandoval - 8200'						85%		127%		137%					
1714 N. 1 F															
UMA - North Thomas - 7400'															
LIMA Condense 7550															
UMA - Sundance - 7550'															
UMA - Hanna Springs - 8,499'															